

## CLAIMS

• What is claimed is:

1. An Internet appliance remote operator, comprising:
  - a sender that electronically sends a web address to an external Internet appliance;
  - a receiver that electronically receives a web address from an external Internet address transmitter;
  - a storage that stores web addresses;
  - a user interface that receives a user control command as to send or receive a web address, and displays the web address sent or received, wherein the Internet appliance remote operator is a key chain tag-sized device.
2. The Internet appliance remote operator of claim 1, further comprising a processor coupled to the sender, the receiver, the storage, and the user interface to cause the sender or receiver to send or receive the web address in response to the user control command received from the user interface.
3. The Internet appliance remote operator of claim 1, wherein the sender, the receiver, and the storage all reside in an enclosure that is approximately of the size of a key chain tag.
4. The Internet appliance remote operator of claim 1, wherein the sender is a beacon sender that transmits wirelessly a beacon signal containing the web address, wherein the beacon sender has a predetermined transmission

range.

5. The Internet appliance remote operator of claim 3, wherein the receiver is a beacon receiver that receives external electronic transmission containing a web address, and extracts the web address from the transmission.

6. The Internet appliance remote operator of claim 1, wherein the storage is partitioned into a general storage area and a customized storage area that stores user-specified web addresses.

7. The Internet appliance remote operator of claim 1, wherein the user interface allows the user to manually input a web address to the storage, wherein the user interface also includes a customized control function that allows the operator to send a user-specified web address.

8. An Internet appliance remote operator for an Internet appliance, comprising:

a communication module that (1) sends a web address to the external Internet appliance, and (2) receives a web address from an external web address transmitter;

a storage that stores web addresses;

a user interface that receives a user control command as to send or receive a web address, and displays the web address sent or received;

a processor that causes the communication module to send or receive a web address in response to the control command received from the user

interface, wherein all modules of the remote operator reside in an enclosure that is approximately the size of a key-chain tag.

9. The Internet appliance remote operator of claim 1, wherein the communication module further comprises a sender and a receiver, wherein the sender sends the web address to the external Internet appliance, wherein the receiver receives a web address electronically.

10. The Internet appliance remote operator of claim 9, wherein the sender is a beacon sender that transmits wirelessly a beacon signal containing the web address, wherein the beacon sender has a predetermined transmission range.

11. The Internet appliance remote operator of claim 9, wherein the sender is a beacon sender that transmits wirelessly a beacon signal containing the web address, wherein the beacon sender has a predetermined transmission range.

12. The Internet appliance remote operator of claim 9, wherein the receiver is a beacon receiver that receives external electronic transmission containing a web address, and extracts the web address from the transmission.

13. The Internet appliance remote operator of claim 8, wherein the storage is partitioned into a general storage area and a customized storage area that stores user-specified web addresses.

14. The Internet appliance remote operator of claim 8, wherein the user interface allows the user to manually input a web address to the storage, wherein the user interface also includes a customized control function that allows the operator to send a user-specified web address.

15. A web address sender and receiver apparatus, comprising:  
a sender that electronically sends a web address to an external Internet appliance via a communication channel;  
a receiver that electronically receives a web address from an external web address transmitter;  
a storage that stores web addresses;  
a user interface that receives a user control command as to send or receive a web address, and displays the web address sent or received, wherein the web address sender and receiver apparatus is a key chain tag-sized device.

16. The web address sender and receiver apparatus of claim 15, further comprising a processor coupled to the sender, the receiver, the storage, and the user interface to cause the sender or receiver to send or receive the web address in response to the user control command received from the user interface,

17. The web address sender and receiver apparatus of claim 15,  
wherein the sender, the receiver, and the storage all reside in an enclosure of the device that is approximately of the size of a key chain tag.